Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**City Project: Parallel Lines and Transversals**

Project Requirements:

1. Choose a name for your city and write it at the top of the project.
2. Three parallel streets (each street must be named)
3. The three parallel streets must be constructed accurately using a protractor and straight edge. You will need an eraser to remove the extra markings from each construction.
4. Two transversal streets (each street must be named and you must use a straight edge to draw the transversal streets)
5. **Bonus**: One street that is perpendicular to the parallel streets (the street must be named)
6. Use crayons, colored pencils, or markers to draw your city… constructions will be in pencil but the parallel lines can be traced over in color. (If you need to borrow colors, see Ms. Rapoport.)
7. Turn in this sheet with your project

The following buildings must be placed as directed:

1. The gas station and restaurant must be placed within alternate exterior angles.
2. Your house and school must be placed within alternate interior angles.
3. The library and bank must be placed within vertical angles.
4. The hardware store and post office must be placed within corresponding angles.
5. Two buildings of your choice placed within same side exterior angles.
6. A traffic light at two intersections (draw 3 circles on top of each other, just like a stop light).
7. **Be sure to label each building.**

*New York City, 1811 (showing the present-day East Village)*

 

*Modern map of Lower Manhattan*

**Checklist/Scoring:**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **POINTS POSSIBLE** | **POINTS RECIEVED** |
| Parallel streets – quality of construction | 9 |  |
| Parallel streets - named | 3 |  |
| Transversal streets – created with straightedge | 2 |  |
| Transversal streets - named | 2 |  |
| Perpendicular street BONUS | 2 |  |
| Gas station/restaurant – accurate locations | 4 |  |
| House/school – accurate locations | 4 |  |
| Library/bank – accurate locations | 4 |  |
| Hardware Store/post office – accurate locations | 4 |  |
| Your two buildings – accurate locations | 4 |  |
| Traffic lights | 2 |  |
| General appearance | 4 |  |

**Scoring Comments**: